

L Number	Hits	Search Text	DB	Time stamp
1	0	circular adj2 cDNA adj2 synthesis	USPAT; US-PGPUB; DERWENT	2004/04/12 11:06
2	50	circular same cDNA adj2 synthesis	USPAT; US-PGPUB; DERWENT	2004/04/12 11:09
3	1	cDNA adj2 synthesis near5 DNA adj1 ligase	USPAT; US-PGPUB; DERWENT	2004/04/12 11:12
4	2	cDNA same synthesis near5 DNA adj1 ligase	USPAT; US-PGPUB; DERWENT	2004/04/12 11:12
5	66094	cDNA ajdl synthesis near5 ligase	USPAT; US-PGPUB; DERWENT	2004/04/12 11:13
6	0	(cDNA ajdl synthesis near5 ligase) and circularization	USPAT; US-PGPUB; DERWENT	2004/04/12 11:13
7	7	(cDNA ajdl synthesis near5 ligase) and circular\$	USPAT; US-PGPUB; DERWENT	2004/04/12 11:17
8	9498	cDNA same ligation	USPAT; US-PGPUB; DERWENT	2004/04/12 11:17
9	813	(cDNA same ligation) and circles	USPAT; US-PGPUB; DERWENT	2004/04/12 11:18

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MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004  
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=> s circular (1a) cDNA  
L1 21 CIRCULAR (1A) CDNA

=> dup rem l1  
PROCESSING COMPLETED FOR L1  
L2 13 DUP REM L1 (8 DUPLICATES REMOVED)

=> d l2 1-13

L2 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:851411 CAPLUS  
DN 136:1629  
TI Method for introducing a nucleic acid into a cell (transfection) by means  
of calcium phosphate, and transfected cell  
IN Hoerer, Markus; Rehberger, Bernd; Moebius, Ulrich  
PA Medigene Aktiengesellschaft, Germany  
SO PCT Int. Appl., 37 pp.  
CODEN: PIXXD2  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001088171	A1	20011122	WO 2001-EP5531	20010515
	W: AU, CA, JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	DE 10024334	A1	20011206	DE 2000-10024334	20000517
	EP 1294919	A1	20030326	EP 2001-931696	20010515
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	US 2004053410	A1	20040318	US 2003-276207	20030221
PRAI	DE 2000-10024334	A	20000517		
	WO 2001-EP5531	W	20010515		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2000:564469 CAPLUS  
DN 134:52046  
TI cDNA Cloning by Amplification of Circularized First Strand cDNAs Reveals  
Non-IRE-Regulated Iron-Responsive mRNAs  
AU Ye, Zheng; Connor, James R.  
CS George M. Leader Family Laboratory for Alzheimer's Disease Research,  
Pennsylvania State University College of Medicine, Hershey, PA, 17033, USA  
SO Biochemical and Biophysical Research Communications (2000), 275(1),  
223-227  
CODEN: BBRCA9; ISSN: 0006-291X  
PB Academic Press

DT Journal  
LA English  
RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:788693 CAPLUS  
DN 130:48294  
TI Efficient and simpler method to construct normalized cDNA libraries with  
improved representations of full-length cDNAs  
IN Soares, Marcelo Bento; Bonaldo, Mariade Fatima  
PA The Trustees of Columbia University In the City of New York, USA  
SO U.S., 28 pp.  
CODEN: USXXAM

DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5846721	A	19981208	US 1996-715941	19960919
PRAI	US 1996-715941		19960919		

RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 4 OF 13 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 1  
AN 1995:545381 BIOSIS  
DN PREV199698559681  
TI T30177, an oligonucleotide stabilized by an intramolecular guanosine,  
Octet, is a potent inhibitor of laboratory strains, and clinical isolates  
of human immunodeficiency virus type 1.  
AU Ojwang, Joshua O.; Buckheit, Robert W.; Pommier, Yves; Mazumder, Abhijit;  
De Vreese, Karen; Este, Jose A.; Reymen, Diane; Pallansch, Luke A.;  
Lackman-Smith, Carol; Wallace, Thomas L.; De Clercq, Erik; McGrath,  
Michael S.; Rando, Robert F. [Reprint author]  
CS Triplex Pharm. Corporation, 9391 Grogan's Mill Rd., The Woodlands, TX  
77380, USA  
SO Antimicrobial Agents and Chemotherapy, (1995) Vol. 39, No. 11, pp.  
2426-2435.  
CODEN: AMACCQ. ISSN: 0066-4804.  
DT Article  
LA English  
ED Entered STN: 31 Dec 1995  
Last Updated on STN: 31 Dec 1995

L2 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1994:238465 CAPLUS  
DN 120:238465  
TI Molecular recognition by circular oligonucleotides. Strong binding of  
single-stranded DNA and RNA. [Erratum to document cited in CA116(1):2426f]  
AU Prakash, Gautam; Kook, Eric T.  
CS Dep. Chem., Univ. Rochester, Rochester, NY, 14627, USA  
SO Journal of the Chemical Society, Chemical Communications (1994), (5), 676  
CODEN: JCCCAT; ISSN: 0022-4936  
DT Journal  
LA English

L2 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1995:620177 CAPLUS  
DN 123:162045  
TI A sandwich-hybridization method for specific and efficient selection of  
cDNA clones from genomic regions  
AU Yan, Denise; Swaroop, Anand  
CS Dep. Ophthalmology, Univ. Michigan, Ann Arbor, MI, 48105, USA

SO Identif. Transcribed Sequences, [Proc. Int. Workshop], 3rd (1994), Meeting Date 1993, 91-9. Editor(s): Hochgeschwender, Ute; Gardiner, Kathleen. Publisher: Plenum, New York, N. Y. CODEN: 61NLAB

DT Conference

LA English

L2 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1993:464258 CAPLUS

DN 119:64258

TI cDNA cloning by inverse polymerase chain reaction

AU Huang, Sheng He; Wu, Chun Hua; Cai, Bing; Holcenberg, John

CS Child. Hosp., Univ. South. California, Los Angeles, CA, USA

SO Methods in Molecular Biology (Totowa, NJ, United States) (1993), 15(PCR Protocols), 349-56

CODEN: MMBIED; ISSN: 1064-3745

DT Journal

LA English

L2 ANSWER 8 OF 13 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN DUPLICATE 2

AN 1992:373049 BIOSIS

DN PREV199294055099; BA94:55099

TI A RAPID AND VERSATILE METHOD FOR CLONING VIROIDS OR OTHER CIRCULAR PLANT PATHOGENIC RNAS.

AU LAKSHMAN D K [Reprint author]; TAVANTZIS S M; BOUCHER A; SINGH R P

CS DEP PLANT BIOL AND PATHOL, UNIV MAINE, ORONO, MAINE 04469, USA

SO Analytical Biochemistry, (1992) Vol. 203, No. 2, pp. 269-273. CODEN: ANBCA2. ISSN: 0003-2697.

DT Article

FS BA

LA ENGLISH

ED Entered STN: 9 Aug 1992

Last Updated on STN: 9 Aug 1992

L2 ANSWER 9 OF 13 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN DUPLICATE 3

AN 91063070 EMBASE

DN 1991063070

TI Crystallization and characterization of a lectin obtained from a mushroom, Aleuria aurantia.

AU Nagata Y.; Fukumori F.; Sakai H.; Hagiwara T.; Hiratsuka Y.; Kochibe N.; Kobata A.

CS Department Agricultural Chem., Faculty of Horticulture, Chiba University, 648 Matsudo, Matsudo-shi, 271, Japan

SO Biochimica et Biophysica Acta - Protein Structure and Molecular Enzymology, (1991) 1076/2 (187-190). ISSN: 0167-4838 CODEN: BBAEDZ

CY Netherlands

DT Journal; Article

FS 029 Clinical Biochemistry

LA English

SL English

L2 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1991:116373 CAPLUS

DN 114:116373

TI A kit and a method for cDNA synthesis

IN Oshima, Atsushi; Ito, Hiroyuki; Hiraoka, Shinji; Nakamura, Teruya; Ohayashi, Akira

PA Takara Shuzo Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp. CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02238882	A2	19900921	JP 1989-57785	19890313
PRAI	JP 1989-57785		19890313		

L2 ANSWER 11 OF 13 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.  
on STN

AN 86237820 EMBASE

DN 1986237820

TI Physical and immunological analysis of the two domains isolated from a  
variant surface glycoprotein of Trypanosoma brucei.

AU Gomes V.; Huet-Duvillier G.; Aubert J.P.; et al.

CS Unite INSERM No 16, 59045 Lille Cedex, France

SO Archives of Biochemistry and Biophysics, (1986) 249/2 (427-436).

CODEN: ABBIA4

CY United States

DT Journal

FS 004 Microbiology

LA English

L2 ANSWER 12 OF 13 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 1987:105343 BIOSIS

DN PREV198783054321; BA83:54321

TI CHLOROPLAST DNA DIFFERENCES BETWEEN TWO SPECIES OF OENOTHERA SUBSECTION  
MUNZIA LOCATION IN THE CHLOROPLAST GENOME AND RELEVANCE TO POSSIBLE  
INTERACTIONS BETWEEN NUCLEAR AND PLASTID GENOMES.

AU VOM STEIN J [Reprint author]; HACHTEL W

CS BOTANISCHES INST, UNIV BONN, KIRSCHALLEE 1, D-5300 BONN 1, FRG

SO Theoretical and Applied Genetics, (1986) Vol. 73, No. 1, pp. 141-147.

CODEN: THAGA6. ISSN: 0040-5752.

DT Article

FS BA

LA ENGLISH

ED Entered STN: 26 Feb 1987

Last Updated on STN: 26 Feb 1987

L2 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1978:165605 CAPLUS

DN 88:165605

TI In vitro synthesis and characterization of full- and half-genome length  
complementary DNA from avian oncoviruses

AU Lai, Michael M. C.; Hu, Silvia S. F.

CS Sch. Med., Univ. South. California, Los Angeles, CA, USA

SO Nature (London, United Kingdom) (1978), 271(5644), 481-3

CODEN: NATUAS; ISSN: 0028-0836

DT Journal

LA English

=> s joining (2a) cDNA (1a) strands (2a) circular

L3 0 JOINING (2A) CDNA (1A) STRANDS (2A) CIRCULAR

=> s joining (2a) cDNA (1a) strands

L4 0 JOINING (2A) CDNA (1A) STRANDS

=> s cDNA (2a) strands (2a) ligating

L5 0 CDNA (2A) STRANDS (2A) LIGATING

=> s cDNA (3a) ligat?

L6 1060 CDNA (3A) LIGAT?

=> s 16 and circular

L7 16 L6 AND CIRCULAR

=> dup rem 17

PROCESSING COMPLETED FOR L7

L8 8 DUP REM L7 (8 DUPLICATES REMOVED)

=> d 18 1-8

L8 ANSWER 1 OF 8 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.  
on STN  
AN 2003332419 EMBASE  
TI cDNA suppression subtraction library for screening down-regulated genes in  
gastric carcinoma.  
AU Du J.-J.; Dou K.-F.; Peng S.-Y.; Xiao H.-S.; Wang W.-Z.; Guan W.-X.; Wang  
Z.-H.; Gao Z.-Q.; Liu Y.-B.  
CS Dr. K.-F. Dou, Department of General Surgery, Xijing Hospital, Fourth  
Military Medical University, Xian 710032, Shaanxi Province, China.  
zhongmrh@yahoo.com  
SO World Journal of Gastroenterology, (15 Jul 2003) 9/7 (1439-1443).  
Refs: 45  
ISSN: 1007-9327 CODEN: WJGAF2  
CY China  
DT Journal; Article  
FS 048 Gastroenterology  
016 Cancer  
029 Clinical Biochemistry  
022 Human Genetics  
LA English  
SL English

L8 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:598166 CAPLUS  
DN 135:176405  
TI Method for amplifying full length single stranded polynucleotide sequences  
IN Connor, James R.; Ye, Zheng  
PA The Penn State Research Foundation, USA  
SO PCT Int. Appl., 39 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001059101	A1	20010816	WO 2001-US4259	20010209
	WO 2001059101	C2	20021017		
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 2002004592	A1	20020110	US 2001-780762	20010209
PRAI	US 2000-181615P	P	20000210		
	US 2000-203035P	P	20000509		

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 8 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 1  
AN 2000:491269 BIOSIS  
DN PREV200000491390

TI Efficient site-specific nonribozyme opening of hepatitis delta virus  
genomic RNA in infected livers.  
AU Chang, Jinhong; Moraleda, Gloria; Gudima, Severin; Taylor, John [Reprint  
author]  
CS Fox Chase Cancer Center, 7701 Burholme Ave., Philadelphia, PA, 19111-2497,  
USA  
SO Journal of Virology, (November, 2000) Vol. 74, No. 21, pp. 9889-9894.  
print.  
CODEN: JOVIAM. ISSN: 0022-538X.  
DT Article  
LA English  
ED Entered STN: 15 Nov 2000  
Last Updated on STN: 10 Jan 2002

L8 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1995:655580 CAPLUS  
DN 123:75890  
TI Production of functional chick liver HMG 2a protein in Escherichia coli  
AU Oka, Tatsuzo; Sasakawa, Takayo; Miyamoto, Ken-ichi; Kuwahata, Masashi;  
Sassa, Toshihiro; Horiuchi, Saburou; Natori, Yasuo  
CS Department of Nutrition, School of Medicine, The University of Tokushima,  
Tokushima, Japan  
SO FEBS Letters (1995), 367(1), 49-52  
CODEN: FEBLAL; ISSN: 0014-5793  
PB Elsevier  
DT Journal  
LA English

L8 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1993:117667 CAPLUS  
DN 118:117667  
TI Rapid isolation of full length cDNA clones by "inverse PCR:" Purification  
of a scorpion cDNA family encoding  $\alpha$ -neurotoxins  
AU Zilberberg, Noam; Gurevitz, Michael  
CS Dep. Bot., Tel-Aviv Univ., Ramat-Aviv, 69978, Israel  
SO Analytical Biochemistry (1993), 209(1), 203-5  
CODEN: ANBCA2; ISSN: 0003-2697  
DT Journal  
LA English

L8 ANSWER 6 OF 8 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 2  
AN 1992:373049 BIOSIS  
DN PREV199294055099; BA94:55099  
TI A RAPID AND VERSATILE METHOD FOR CLONING VIROIDS OR OTHER **CIRCULAR**  
PLANT PATHOGENIC RNAs.  
AU LAKSHMAN D K [Reprint author]; TAVANTZIS S M; BOUCHER A; SINGH R P  
CS DEP PLANT BIOL AND PATHOL, UNIV MAINE, ORONO, MAINE 04469, USA  
SO Analytical Biochemistry, (1992) Vol. 203, No. 2, pp. 269-273.  
CODEN: ANBCA2. ISSN: 0003-2697.  
DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 9 Aug 1992  
Last Updated on STN: 9 Aug 1992

L8 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1985:466069 CAPLUS  
DN 103:66069  
TI Vector plasmids for plants.  
PA Kirin Brewery Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 14 pp.  
CODEN: JKXXAF  
DT Patent



LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 60041486	A2	19850305	JP 1983-149815	19830817
PRAI	JP 1983-149815		19830817		

L8 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1984:115685 CAPLUS

DN 100:115685

TI Differences in intracellular DNA ligation after microinjection and transfection

AU Kopchick, John J.; Stacey, Dennis W.

CS Roche Inst. Mol. Biol., Roche Res. Cent., Nutley, NJ, 07110, USA

SO Molecular and Cellular Biology (1984), 4(2), 240-6

CODEN: MCEBD4; ISSN: 0270-7306

DT Journal

LA English